

METHOD FOR QUANTITATIVE AND SEMI-QUANTITATIVE DETECTION
OF L-PHENYLALANINE, L-TYROSINE, L-3,4-
DIHYDROXYPHENYLALANINE AND THEIR CORRESPONDING KETO-
ACIDS, PHENYLPIRUVIC ACID, 3-HYDROXYPHENYLPIRUVIC ACID
5 AND 3,4-DIHYDROXYPHENYLPIRUVIC ACID IN BIOLOGICAL FLUIDS,
RELATED KITS FOR DIAGNOSIS AND MONITORING OF ALTERED
METABOLISMS OF THESE AMINOACIDS

ABSTRACT

10 Method for quantitative and semi-quantitative determination of
endogenous amino acids L-phenylalanine, L-tyrosine, L-3,4-
dihydroxyphenylalanine and their corresponding keto-acids, phenylpiruvic
acid, 3-hydroxyphenylpyruvic acid and 3,4-dihydroxyphenylpyruvic in
biological fluids useful for diagnosis and monitoring of metabolic disorders
15 of said amino acids or diseases involving said amino acids